

Cumulative Exhibit Identification Index

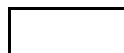
California WaterFix hearing
California Department of Water Resources and U.S. Bureau of Reclamation

Date: October 3, 2018

PARTICIPANT: Deirdre Des Jardins, Principal, California Water Research

Exhibit Identification Number (e.g. DWR-1)	Exhibit Description	File name	Status of Evidence (for Hearing Team use Only)		
			Introduced	Accepted	By Official Notice
	PART 1				
DDJ-1	CVP OCAP June 30, 2004 p. 5-1 to 5-4 highlighted				
DDJ-2	reserved				
DDJ-3	Jan 1 2013 Sacramento River Water Year Forecast				
DDJ-4	SWP Notice 12-11 2013 2013 SWP initial allocation				
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DDJ-8	Bay Delta Live -- Salinity in the Delta Jan 28 2014				
DDJ-9	CDEC graphs EC at Clifton Court Forebay and Banks pumping 2013-2014				
DDJ-10	CDEC graphs Oroville storage 2013 and 2016				
DDJ-11	Riebsame, W E. 1988 ADJUSTING WATER RESOURCES MANAGEMENT TO CLIMATE CHANGE Climatic Change 13: 69-97 p. 81-86 highlighted				
DDJ-12	2004 CalSim II Peer Review Response p. 18-19 highlighted				
DDJ-13	2004 Methodology for Flow and Salinity Annual Report Ch 8				
DDJ-14	2004 Annual Report Ch 8 p. 3-5 DSM2 forecasting highlighted				
DDJ-15	Anderson June 24 2009 Extreme Precipitation Symposium Presentation Future Droughts in a Climate Change World				
DDJ-16	Anderson 2009 Future Droughts p. 19-23 Climate Change highlighted				
DDJ-17	CDEC Water Supply Index History Jan 19 2016 marked				
DDJ-18	Anderson Jan 12 2015 PPIC Presentation Climate Drought and Change				
DDJ-19	Anderson PPIC p. 19-23 21st Century				
DDJ-20	Anderson 2009 Future Droughts p. 15-17 Paleodroughts highlighted				
DDJ-21	CDEC Water Supply Index History Jan 19 2016				
DDJ-22-29	reserved				
DDJ-30	DWR Bulletin 192-82 Delta Levees Investigation from Internet Archive, contributed by University of California				
DDJ-31	Reference to seismic hazard evaluation for Clifton Court Forebay on p. 48 of Bulletin 192-82 highlighted				
DDJ-32	DWR-212 pp. 46-49 seismic analysis highlighted				
DDJ-33	DWR-212 pp. 147-150 Tunnel Safety highlighted				
DDJ-34	DWR-212 pp. 142-143 Tunnel joints highlighted				
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DDJ-38	DECLARATION -- DELTA LEVEES INVESTMENT 1982				
DDJ 39-40	reserved				
DDJ-41	State Water Project 2005 Delivery Reliability Report				
DDJ-42	2005 DRR excerpt p. G-27 PCL comments on CalSim highlighted				
DDJ-43	2005 2005 DRR excerpt p. G-43 to G-44 DWR reply to PCL highlighted				
DDJ-44	Draper and Bourez 2003 CWEMF presentation				
DDJ-45	Draper and Bourez excerpts p. 3-6, 52-54, 18-19 highlighted				
DDJ-46	Draper and Bourez p. 32 DWR recognizes problems				
DDJ-47	CalSim2Updates Nancy Parker CWEMF 2014				
DDJ-48	CalSim2Updates p. 3 CalSim base versions				
DDJ-49	CalSim2Updates p. 10-13 Sac Valley corrections				
DDJ-50	BDCP Draft EIR-EIS technical appendix p. A12-A13 Sac Valley highlighted				
DDJ-51	Peer Review response p. 9 reservoirs				
DDJ-62	SWP Simulation Update Wilbur CWEMF 2005				
DDJ-63	SWP Simulation Update Wilbur CWEMF 2005 highlighted				
DDJ-54	Peer Review response p. 18-20 validation				
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DDJ-56	2003 peer review p. 8-9 31 validation				
DDJ-57	CalSim A generalized model for reservoir system analysis Journal article				
DDJ-58	8.12.10 SC Presentation SJR Inflow Sensitivity				
DDJ-59	reserved				
DDJ-60	BDCP ClimateChangeScenarios. Munevar				
DDJ-61	BDCP Climate Change Scenarios p. 9-11, 16-17, 21				
DDJ-62	Flato, Gleckler, et. al. Evaluation of Climate models. Chapter09				
DDJ-63	Flato, Gleckler, et. al. Chapter 9 p. 811 precipitation closure WNA				
DDJ-64	10_22_09_SC_HO_Climate_Change_Methodology_Presentation.sflb				
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DDJ-80	EWIS_Dec08_BO_RPAs_OMR_040110_ExistingCondition -- spreadsheet (.xls format)				
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DDJ-101	A Strategic Review of CALSIM II and Its Use for Water Planning, Management, and Operations in Central California.				
DDJ-102	PEER REVIEW RESPONSE: A Report by DWR/Reclamation in Reply to the Peer Review of the CalSim-II Model Sponsored by the CALFED Science Program in December 2003 (August 2004)				
DDJ-103	Review Panel Report San Joaquin River Valley CalSim II Model Review				
DDJ-104	Report of the Panel on Analytical Tools for Evaluating Water Supply, Hydrodynamic and Hydropower Effects in the Bay-Delta Plan				
DDJ-105	Instruction 5000.61 on DaD Modeling and Simulation (M&S) Verification, Validation, and Accreditation (VV&A)				
DDJ-106	California Department of Water Resources, 35th Annual Progress Report to the State Water Resources Control Board on Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh, (2014)				
DDJ-107	National Academy of Sciences Report Chapter 4 Use of Models				
DDJ-108	Testimony of Deirdre Des Jardins				
DDJ-108 errata	Testimony of Deirdre Des Jardins - Revised 10/17/2016*				
DDJ-108 errata 12-9	Testimony of Deirdre Des Jardins - Errata - minor changes, mostly as submitted on 10/17, but in <u>strikeout/underline</u>				
DDJ-109	Musings on a Model: CalSim II in California's Water Community, Ines C. Ferreira et al.				
DDJ-110	CA Dept of Water CUSCO				
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DDJ-112	Exhibit DWR-324, with Title 23, subsection 794(a)(6) highlighted				
DDJ-113-114	reserved				
DDJ-115	Map of Freeport Regional Water Project				
DDJ-116	CalFed Record of Decision				
DDJ-117	CalFed Record of Decision, p. 17 Levees				
DDJ-118-120	reserved				
DDJ-121	CalSim Strategic review excerpt p. 31 validation				
DDJ-122	xc-gates CalSim NAA wresl code				
DDJ-123	San Francisco Estuary News March 14, 2016				
DDJ-124	Okamoto, Scrutinizing the Delta Cross Channel, Bay-Delta Science Program, June 2004				
DDJ-125	Clifton Court Ops				
DDJ-126	LR statement of Use EWRIMS				
DDJ-127	LR statement of Use 2 EWRIMS				
DDJ-128	Islands Inc Statement of Use EWRIMS				
DDJ-129	(Cal. St. Water Res. Control Bd. Feb 4, 2015) Order WR 2015-0002-DWR				
DDJ-130	reserved				
DDJ-131	Drought Pushes Endangered Salmon to the Brink, Veronique Dupont, Phys. Org, October 31, 2015				
DDJ-132	reserved				
DDJ-133	Delta Caucus comments on WaterFix, October 30, 2015				
DDJ-134	California Precipitation Map				
DDJ-135	Fall 1999 Interagency Ecological Program Newsletter				
DDJ-136	Lehman et al., The influence of environmental conditions on the seasonal variation of Microcystis cell density and microcystins concentration in San Francisco Estuary, Hydrobiologica (2008)				
DDJ-137	CDEC sensor 10993, Delta Cross Channel, tidal flow				
DDJ-138	USGS sensor 11336600, Delta Cross Channel, tidally filtered flow				
DDJ-139	Partial Hearing Transcript, August 9, 2016, p. 108, highlighted				
DDJ-140	University of California Cooperative Extension, Stanislaus County, Estimating Leaching Fraction Requirements				
DDJ-141	California Department of Water Resources, Draft Report Of the Initial Analysis & Optimization of the Pipeline/Tunnel Option, December 17, 2010.				
DDJ-142	Jeffrey R. Unruh and Christopher S. Hitchcock, Characterization of Potential Seismic Sources in the Sacramento-San Joaquin Delta, California, Final Technical Report, U. S. Geological Survey National Earthquake Hazards Reduction Program, 2009				
DDJ-143	California Department of Water Resources, Division of Engineering, State Water Project Seismic Loading Criteria Report, 2012.				
DDJ-144	Bureau of Reclamation, Draft Environmental Assessment for Pipeline Maintenance Program for the Pacheco and Santa Clara Conduits and Tunnels, Santa Clara Valley Water District.				
DDJ-145	Paul Rogers, Failure of key water pipeline into Silicon Valley may have exposed wider problems, San Jose Mercury News, March 1, 2016				
DDJ-146	Santa Clara Valley Water District, CEO Bulletin 8-27-15				
DDJ-147	Santa Clara Valley Water District, CEO Bulletin 1-24-16				
DDJ-148	American Society of Civil Engineers, Standard 7-10, Minimum Design Loads for Buildings and Other Structures, 2010.				
DDJ-149	International Tunneling and Underground Space Association, 2007. Settlements induced by tunneling in Soft Ground, Report of the Working Group of the International Tunneling Association, Tunneling and Underground Space Technology 22 (2007) 119-149.				
DDJ-150	Bay Area Rapid Transit, BART Facilities Standards, Standard Specifications, Revision 3.03, Section 31.50.00, Excavation Support and Protection, January 2014.				
DDJ-151	California High Speed Train Project, Technical Memorandum 2.10.5, 15% Seismic Design Benchmarks				
DDJ-152	Iain Tromans, Behaviour of buried water supply pipelines in earthquake zones, PhD dissertation, Department of Civil and Environmental Engineering Imperial College of Science, Technology and Medicine, London, 2004.				
DDJ-153	American Lifelines Alliance (ALA), Seismic fragility formulations for water systems, 2001.				
DDJ-154	Vladimir Graizer, Anthony Shakal and Pat Hipley, Recent Data Recorded from Downhole Geotechnical Arrays, SMIP2000 Seminar Proceedings, 2001.				
DDJ-155	Hu Jin-jun and Xie Li-li. Variation of earthquake ground motion with depth, Acta Seimol. Sin. (2005) 18: 72.				



DDJ-156	California Department of Water Resources, Final Draft Agreement Regarding Construction of Conveyance Project between the Department of Water Resources and the Conveyance Project Coordination Agency, 2015.			
DDJ-157	Delta Risk Management Strategy Phase 1, Final Risk Analysis Report, Section 6, Seismic Risk Analysis, February 2009			
DDJ-158	California Department of Water Resources, Bay Delta Conservation Plan/California WaterFix Final EIR/EIS, Chapter 9, Geology and Seismicity, December 2016.			
DDJ-159	US Army Corps of Engineers, Engineer Manual EM 1110-2-6050, Response Spectra and Seismic Analysis for Concrete Hydraulic Structures, June 30, 1999			
DDJ-160	Snezana Maras-Dragojevic, Analysis of ground settlement caused by tunnel construction, 2012			
DDJ-161	U.S. Department of Transportation, Federal Highway Administration, Technical Manual for Design and Construction of Road Tunnels — Civil Elements, December 2009			
DDJ-162	Statement of qualifications of Tom Williams			
DDJ-163	Testimony of Tom Williams			
DDJ-165	Progress Report for Bureau of Reclamation			
DDJ-166	Rebuttal Testimony of Deirdre Des Jardins			
DDJ-167-169	Reserved			
DDJ-170	DWR-75 with highlighted passages			
DDJ-171	DWR-61 with highlighted passages			
DDJ-172	URS Corporation, Technical Memorandum: Delta Risk Management Strategy(DRMS) Phase 1, Topical Area: Flood Hazard Final, 2009.			
DDJ-173	ERM Group, Germany and UK and ELC-Group, Istanbul, Environmental and Social Impact Assessment for the Eurasia Tunnel Project, Istanbul, Volume II Main Report, Final Draft, January 2011.			
DDJ-174	DWR-639 with highlighted passages			
DDJ-175-178	reserved			
DDJ-179	CDEC graphs, Shasta storage 2013-2014			
DDJ-180	CDEC graphs, Tracy pumping plant pumping 2013-2014			
DDJ-181	DWR-653 with highlighting			
DDJ-183	Mitrovic, Simon et. al., Use of flow management to mitigate cyanobacterial blooms in the Lower Darling River, Australia, 2011.			
DDJ-184	SWRCB-7 with highlighted passages			
DDJ-185	DWR-86 errata with highlighting			
DDJ-186	SWRCB-4 excerpt Bay-Delta Conservation Plan Draft EIR/EIS Appendix 5A-D Additional Modeling Information with highlighting			
DDJ-187	Bay Delta Conservation Plan/California WaterFix Final EIR/EIS, Chapter 29, Climate Change with highlighting			
DDJ-188	U.S. Army Corps of Engineers, Circular No. 1165-2-212, Sea-Level Change Considerations For Civil Works Programs, Oct 2011.			
DDJ-189	U.S. Army Corps of Engineers, Regulation No. 1100-2-8162, Incorporating Sea Level Change In Civil Works Programs, Dec 2013			
DDJ-190	BDCCP Steering Committee presentation -- RMA modeling analysis with 1.4 m sea level rise and levee failure			
DDJ-191	Conversion table between 1,000s cubic meters and acre-feet			
DDJ-192	Pdf copy of wsi_swp.wresl from WaterFix NAA_Q5_ELT_SJRR_off_040815_final\common\swp_dellogic\WSI_DI			
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DDJ-199	Francis Chung, An Assessment of CVP-SWP System Performance Under Alternative Delta Regulations, Infrastructure and Climate Change Scenarios 2010 CWEMF Presentation			
DDJ-200	Pdf copy of feather_runof_forecast.table from WaterFix NAA_Q5_ELT_SJRR_off_040815_final\runLookup			
DDJ-201	Pdf copy of wsi_cvp.wresl from BDCCP EBC common\cvp_dellogic\cvp_dellogic_sys\WSI_SYS\wsi_cvp_sys			
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DDJ-205	CDEC graphs, Oroville Storage, Sept-Dec 31, 2014			
DDJ-206	CalSim-II Allocations Module for State Water Project Simulation, 2005 CWEMF Presentation			
DDJ-207	Oroville 2013 carryover target calculations using formula in DWR-902			
DDJ-208	Surrebuttal testimony of Deirdre Des Jardins			
DDJ-208 errata	Surrebuttal testimony of Deirdre Des Jardins -- errata			
DDJ-209	California Department of Water Resources, Bulletin 160-83, 1983.			
DDJ-210	Riebsame, W.E., Adjusting Water Resources Management to Climate Change, Climatic Change, 1988.			
DDJ-211	U.S. Army Corps of Engineers, Circular No. 1165-2-212, Sea-Level Change Considerations For Civil Works Programs, Oct 2011. (unmarked)			
DDJ-212	U.S. Army Corps of Engineers, Regulation No. 1100-2-8162, Incorporating Sea Level Change In Civil Works Programs, Dec 2013. (unmarked)			
DDJ-213	Copy of OroRuleCurv from CALSIM II No Action Alternative			
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DDJ-214	Statement of Qualifications of David Fries, PhD	ddj_214.pdf		
DDJ-215	Testimony of David Fries, PhD	ddj_215.pdf		
DDJ-216	Simenstad C et al. Independent Review Panel Report for the 2016 California WaterFix Aquatic Science Peer Review. May 12, 2016	ddj_216.pdf		
DDJ-217	California Rare and Endangered Birds. Species Accounts. Greater Sandhill Crane.	ddj_217.pdf		
DDJ-218	California Rare and Endangered Birds. Species Accounts. Tricolored Blackbirds.	ddj_218.pdf		
DDJ-219	219 Audubon Birding Areas of Importance	ddj_219.pdf		

DDJ-220	Myers JP. Conservation of migrating shorebirds: staging areas, geographic bottleneck, and regional movements. American Birds: Migration and Conservation. 17, 23-25, 1983	ddj_220.pdf			
DDJ-221	Andres BA, et al. Population estimates of North American shorebirds, 2012. Water Study Group Bull. 119, 178-194, 2012	ddj_221.pdf			
DDJ-222	Status Review: Swainson's Hawk in California. Five Year Status Report. California Fish and Game Commission. 2016.	ddj_222.pdf			
DDJ-223	Sacha KH. Yellow Warbler. in California Bird Species of Special Concern, Shuford WD and Gardali T, eds, Studies of Western Birds. 1: 332-339, 2008	ddj_223.pdf			
DDJ-224	Shuford WD. American White Pelican. in California Bird Species of Special Concern, Shuford WD and Gardali T, eds, Studies of Western Birds. 1:130-135, 2008.	ddj_224.pdf			
DDJ-225	Email from Michael Bryan to Gwen Buchholz et. al. re: bridge tables	ddj_225.pdf			
DDJ-226	WaterFix Water Quality Certification Application	ddj_226.pdf			
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DDJ-228	Meeting Minutes, 2-14-17, Re-initiation of Consultation (ROC) on the Coordinated Long-Term Operation (LTO) of the Central Valley Project (CVP) and State Water Project (SWP): Stakeholder Kickoff Meeting, United States Bureau of Reclamation.	ddj_228.pdf			
DDJ-229	Exhibit SWRCB-102, WaterFix Final EIR/EIS, p. 3-262, with highlighting	ddj_229.pdf			
DDJ-230	Exhibit SWRCB-104, Biological Assessment for California Waterfix, Chapter 3 with highlighting	ddj_230.pdf			
DDJ-231	Letter from U.S. Bureau of Reclamation to Ms. Norma Carmacho, CEO, Santa Clara Valley Water District, Re: Participating Central Valley Project Contractors in the State of California's WaterFix - Central Valley Project, California, September 15, 2017.	ddj_231.pdf			
DDJ-232	Exhibit E, Attachment 3, of Standard DWR Contract, Protection of Confidential and Sensitive Information	ddj_232.pdf			
DDJ-233	State Water Resources Control Board, February 8, 20016 letter from Tom Howard to Ron Miller and Carl Torgerson, Fishery Protection Plan for Joint Point of Diversion, with highlighting.	ddj_233.pdf			
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DDJ-239	California Department of Fish and Game, Consistency determination, Ongoing Operation of State Water Project Delta Facilities, July 16, 2009	ddj_239.pdf			
DDJ-240	Letter from NMFS to David Munilo, Director, U.S. Bureau of Reclamation, Re: Sacramento River Temperature Management Plan, June 28, 2016.	ddj_240.pdf			
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DDJ-245	State Water Resources Control Board, 1995 Water Quality Control Plan Hearing, Exhibit 368, Biological Explanation of the Joint Water Users Proposed Bay-Delta Standards, November 3, 1994	ddj_245.pdf			
DDJ-246	Tsao, Danika C., et. al., Distribution and Habitat Associations of California Black Rail (<i>Laterallus jamaicensis cortuniculus</i>) in the Sacramento-San Joaquin Delta, San Francisco Estuary and Watershed Science, 13(4), 2015.	ddj_246.pdf			
DDJ-247	Dan Giffords, map from survey of Black Rail in Delta, 1992-93	ddj_247.pdf			
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DDJ-250	United States Fish and Wildlife Service, 2013-2014 Fiscal Years Report to Congress on the Recovery of Threatened and Endangered Species, 2016.	ddj_250.pdf			
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DDJ-253	Independent Review Panel Report for the 2016-2017 California WaterFix Aquatic Science Peer Review Phase 2A	ddj_253.pdf			
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DDJ-256	Delta Independent Science Board, Review of the Final Environmental Impact Report/Environmental Impact Statement for California WaterFix, June 16, 2017	ddj_256.pdf			
DDJ-257	Irrigation Training and Research Center, California Crop and Soil Evapotranspiration for Water Balances and Irrigation Scheduling/Design, January 2003.	ddj_257.pdf			
DDJ-258	California Department of Forestry's Fire and Resource Assessment Program Precipitation map	ddj_258.pdf			
DDJ-259	United States Bureau of Reclamation, Central Valley Project (CVP) Water Quantities for Delivery 2017, March 22, 2017	ddj_259.pdf			
DDJ-260	Graph from Dayflow data, Central Valley Project Delta Exports, 1956-2014	ddj_260.pdf			
DDJ-261	Westlands Water District, Deep Groundwater Conditions Report: December 2015, dated April 2016.	ddj_261.pdf			
DDJ-262	U.S. Department of Interior, Bureau of Reclamation, Fish and Wildlife Service, Geological Survey, California Natural Resources Agency, Department of Fish and Game, Department of Water Resources, A Management Plan For Agricultural Subsurface Drainage and Related Problems on the Westside San Joaquin Valley, Final Report of the San Joaquin Valley Drainage Program, September 1990	ddj_262.pdf			
DDJ-263	California Water Boards, Fact Sheet, CV-SALTS Releases New and Innovative Plan to Address Salt and Nitrates in Groundwater, February 2017.	ddj_263.pdf			
DDJ-264	U.S. Department of Agriculture, Natural Resources Conservation Service, Soil Survey of Fresno County, California, Western Part, June 2006.	ddj_264.pdf			
DDJ-265	Westside Conservation District and Center for Irrigation Technology, A Technical Advisor's Manual Managing Agricultural Irrigation Drainage Water: A guide for developing Integrated On-Farm Drainage Management Systems, September 2005.	ddj_265.pdf			
DDJ-266	Bettner, Thaddeus, Socio-Economic Impacts of Land Retirement in Westlands Water District, 2004	ddj_266.pdf			
DDJ-267	Irrigation Training and Research Center, California Crop and Soil Evapotranspiration for Water Balances and Irrigation Scheduling/Design, January 2003.	ddj_267.pdf			
DDJ-268	Exerpts from DDJ-267, p. 51., ETC Table 37. Zone 15 Dry Year, p. 52, ETC Table 38, Zone 16 Dry Year.	ddj_268.pdf			

DDJ-269	Westside Resource Conservation District, map of Retired Lands, Salinity and Selenium Impacted Soils, 2010.	ddj_269.pdf			
DDJ-270	Westlands Water District, Land/Water Acquisition Program, Notice Inviting Bids, October 15, 2010.	ddj_270.pdf			
DDJ-271	Westlands Water District, Master Agricultural Lease, February 2004.	ddj_271.pdf			
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DDJ-273	Westlands Water District, Deep Groundwater Conditions Report, December 2001.	ddj_273.pdf			
DDJ-274	Schoups et. al., Sustainability of irrigated agriculture in the San Joaquin Valley, California. Proceedings of the National Academy of Science, October 25, 2005, vol.102 no.43.	ddj_274.pdf			
DDJ-275	U.S. Bureau of Reclamation, San Luis Drainage Feature Re-evaluation Record of Decision, March 2007.	ddj_275.pdf			
DDJ-276	Declaration of Thomas W. Birmingham in Support of Motion for Order Further Extending Temporary Suspension of Federal Defendants' Drainage Activities Within Westlands, November 5, 2014, United States District Court Eastern District Of California, Firebaugh Canal Water District and Central California Irrigation District v. United States of America, Westlands Water District, Defendant in Intervention.	ddj_276.pdf			
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DDJ-280	State Water Resources Control Board 2010 Delta Flow Criteria Informational Hearing, DFG Exhibit 10, Statement of Qualifications of Randall D. Baxter.	ddj_280.pdf			
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DDJ-282	Graphs of Fall Midwater Trawl data from http://www.dfg.ca.gov/delta/data/fmwtl/Indices/index.asp . Captured on April 5, 2018.	ddj_282.pdf			
DDJ-283	Feyrer et. al., Multidecadal trends for three declining fish species: habitat patterns and mechanisms in the San Francisco Estuary, California, USA. Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64(4): 723-734.	ddj_283.pdf			
DDJ-284	State Water Resources Control Board, 2010 Delta Flow Criteria Informational Hearing, DFG Exhibit 1, Effects of Delta Inflow and Outflow on Several Native, Recreational, and Commercial Species.	ddj_284.pdf			
DDJ-285	Metropolitan Water District, Water Supply Conditions, 4/24/2016	ddj_285.pdf			
DDJ-286	Wikipedia, Timeline of Oroville Dam Crisis, February 2017 (Graphics), from https://en.wikipedia.org/wiki/Oroville_Dam_crisis	ddj_286.pdf			
DDJ-287	Nina Erlich-Williams, Nearly Half of California's Native Salmon, Steelhead and Trout on Track to Be Extinct Within 50 Years; State of Salmonids Report for 2017 Details Crisis and Opportunities to Reverse the Trend, UC Davis News, May 16, 2017.	ddj_287.pdf			
DDJ-288	Department of Fish and Game, Memorandum to Barbara McConnell, Mitigation Loss Calculations for Four Pumps Agreement, January 31, 2007.	ddj_288.pdf			
DDJ-289	United States Department of Interior, Memorandum: Guidance for Interpretation of Section 3406(b)(2) of the CVPIA, December 17, 2003.	ddj_289.pdf			
DDJ-290	CVPIA Independent Review Panel, Listen to the River: An Independent Review of the CVPIA Fisheries Program, December 2008.	ddj_290.pdf			
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DDJ-302	Letter from Department of Water Resources to Susan Womack regarding Landowner Seepage Concerns	ddj_302.pdf			
DDJ-303	California Department of Water Resources, Bulletin 200, Volume III, Storage Facilities (1974)	ddj_303.pdf			
DDJ-304	US Army Corps of Engineers, Draft Integrated Interim Feasibility Study and Draft EIR/EIS for the San Joaquin River Basin, Lower San Joaquin River, CA (February 2015)	ddj_304.pdf			
DDJ-305	FEMA Guidelines on Evaluation and Monitoring of Seepage and Internal Erosion, Interagency Committee on Dam Safety, (2015.)	ddj_305.pdf			
DDJ-307	URS Corporation, In-Delta Storage Program Borrow Area Geotechnical Report (2003)	ddj_306.pdf			
DDJ-306	Massari, M. Soft Ground Site Investigation & Managing Geotechnical Risks In Tunnelling	ddj_306.pdf			
DDJ-307	URS Corporation, In-Delta Storage Program Borrow Area Geotechnical Report (2003)	ddj_307.pdf			
DDJ-308	Fernandez, G., 1994. Behaviour of Pressure Tunnels and Guidelines for Liner Design. Journal of Geotechnical Engineering, 120 (10): 1768 – 1791.	ddj_307.pdf			
DDJ-309	California Water Research Technical Memo, Borrow Sources for the California WaterFix	ddj_309.pdf			
DDJ-310 to DDJ-311	not used				
DDJ-312	Draft Phase II Geotechnical Investigation—Geotechnical Data Report—Pipeline/Tunnel Option. August 22, 2011. Revision 1.1. Delta Habitat Conservation and Conveyance Program	ddj_312.pdf			
DDJ-315	DHCCP Design Standards – Volume 2 – Facility Specific Design Standards. May 9, 2009. Revision 1 (Second Distribution.) Delta Habitat Conservation and Conveyance Program	ddj_315.pdf			
DDJ-316 to DDJ-318	not used				
DDJ-319	Baxter et. al., Pelagic Organism Decline Progress Report: 2007 Synthesis of Results, 2008.	ddj_319.pdf			
DDJ-320	US EPA, San Francisco Estuary Juvenile Longfin Smelt Catch and Seasonal Salinity Gradient, July 13, 2015.	ddj_320.pdf			
DDJ-321	US EPA, San Francisco Estuary Starry Flounder Catch and Seasonal Salinity Gradient, July 13, 2015.	ddj_321.pdf			
DDJ-322	US EPA website screenshot, Fish and Salinity in the San Francisco Estuary, San Francisco Bay Delta Watershed, August 14, 2018.	ddj_322.pdf			
DDJ-323	J.E. Cloern, Phytoplankton Ecology of the San Francisco Bay System: The Status of our Current Understanding, 1978.	ddj_323.pdf			
DDJ-324 to DDJ-325	not used				
DDJ-326	Letter of Interest in WIFIA Loan Program from Brian Thomas, Interim Executive Director, Delta Conveyance Finance Authority to Andrew Wheeler, US EPA, July 27, 2018.	ddj_326.pdf			
DDJ-327	Gingras, M. Mark/Recapture Experiments at Clifton Court Forebay to Estimate Pre-Screening Loss to Juvenile Fishes: 1976-1993. DFG Technical Report 55, September 1997.	ddj_327.pdf			
DDJ-330	Andy Jahn Statement of Qualifications	ddj_330.pdf			
DDJ-331	Surrebuttal Testimony of Andy Jahn	ddj_331.pdf			

DDJ-332	Clark, K. W., D. Bowen, R. B. Mayfield, K. P. Zehfuss, J. D. Taplin, and C. H. Hanson. 2009. Quantification of Pre-Screen Loss of Juvenile Steelhead in Clifton Court Forebay. State of California, The Natural Resources Agency, Department of Water Resources. March 2009.	ddj_332.pdf			
DDJ-333	Fisher, F.W. 1994. Past and present status of Central Valley chinook salmon. <i>Conserv. Biol.</i> 8(3): 870-873.)	ddj_333.pdf			
DDJ-334	Hanson, C. H. 1976. Commentary – ethics in the business of science. <i>Ecology</i> 57:627-628.	ddj_334.pdf			
DDJ-335	Jahn, A. 2011. An Alternative Technique to Quantify the Incidental Take of Listed Anadromous Fishes at the Federal and State Water Export Facilities in the San Francisco Bay Delta Estuary. Prepared for National Marine Fisheries Service, Central Valley Office by Kier Associates. July 2011.	ddj_335.pdf			
DDJ-336	Kimmerer, W.J., and M.L. Nobriga. 2008. Investigating particle transport and fate in the Sacramento-San Joaquin Delta using a particle tracking model. <i>San Francisco Estuary and Watershed Science, Volume 6, Issue 1 (February), Article 4.</i>	ddj_336.pdf			
DDJ-337	Williams, J. G. 2006. Central Valley salmon: a perspective on chinook and steelhead in the Central Valley of California. <i>San Francisco Estuary and Watershed Science</i> 4(3).	ddj_337.pdf			
DDJ-338	Vogel, D. A. 2004. Juvenile Chinook salmon radio- telemetry studies in the northern and central Sacramento-San Joaquin Delta, 2002-2003. Final Report. (Contract Report for CALFED, administered by the National Fish and Wildlife Foundation.) Red Bluff (CA): Natural Resource Scientists, Inc. 188 p.	ddj_338.pdf			
DDJ-340	Part 2 Surrebutal Testimony of Tom Williams	ddj_340.pdf			
DDJ-341	Rogers, D., and Storesund, R., Geologic Setting for the Sacramento San-Joaquin Delta, Berkeley NSF RESIN Project Meeting, January 26, 2011.	ddj_341.pdf			
DDJ-342	Terzaghi, Karl. <i>Soil Mechanics in Engineering Practice</i> , John Wiley and Sons, 1948.	ddj_342.pdf			
DDJ-343	Central Valley Regional Water Quality Control Board, California Department of Fish and Game, and Delta Protection Commission. June 2002. Delta Dredging and Reuse Strategy. Volume I. Sacramento, CA.	ddj_343.pdf			
DDJ-344	Drexler, J., Alpers, C., Neymark, L., Paces, J., Taylor, H., Fuller, C. A millennial-scale record of Pb and Hg contamination in peatlands of the Sacramento-San Joaquin Delta of California, USA. In <i>Science of the Total Environment</i> 551-552 (2016) 738-751	ddj_344.pdf			
DDJ-345	US Geological Survey, Delta Subsidence in California: the Sinking Heart of the State. April 2000.	ddj_345.pdf			
DDJ-346	Deverel, S., Leighton, D., Historic, Recent, and Future Subsidence, Sacramento-San Joaquin Delta, California, USA, January 2010. <i>San Francisco Estuary and Watershed Science</i> , 8(2).	ddj_346.pdf			
DDJ-347	Occupational Safety and Health Administration (OSHA) Safety and Health Topic web page on Hydrogen Sulfide	ddj_347.pdf			
DDJ-348	California Department of Water Resources, Delta Atlas, 1995	ddj_348.pdf			
DDJ-349	2010 Delta Flow Criteria Information Proceeding Witness Identification List	ddj_349.pdf			
SWRCB-66	Quantifiable Biological Objectives and Flow Criteria for Aquatic and Terrestrial Species of Concern Dependent on the Delta. California Department of Fish and Game, 2016	swrcb_66.pdf			
SWRCB-106	National Marine Fisheries Service's June 16, 2017 Biological Opinion for the California WaterFix Project	swrcb_106.pdf			
SWRCB-107	California Department of Fish and Wildlife Incidental Take Permit (No. 2081-2016-055-03) for Construction and Operation of Dual Conveyance Facilities of the State Water Project (California WaterFix)	swrcb_107.pdf			
SWRCB-108	Developments after Publication of the Proposed Final Environmental Impact Report., July 2017	swrcb_108.pdf			
SWRCB-109	DWR's CEQA Decision Document	swrcb_109.pdf			
SWRCB-111	CEQA Decision Document Attachment C - Mitigation, Monitoring and Reporting Program	swrcb_111.pdf			
SWRCB-112	CEQA Decision Document Attachment D - Notice of Determination	swrcb_112.pdf			